

Statement of the Claims

No claim amendments are made herein. The following statement of the claims pending is provided for the convenience of the Examiner.

1 1- 46 (Cancelled)

1 47. (Previously Presented) A system for distributing high-speed packetized
2 information to a plurality of subscriber units, comprising:
3 a distributed routing network comprising a plurality of distribution points, each of the
4 plurality of distribution points in communication with at least one access point, each
5 of the at least one access points having a coverage area adapted to service at least one
6 of the plurality of subscriber units, wherein,
7 a first of the plurality of distribution points is adapted to,
8 receive the high-speed packetized information from a first subscriber unit,
9 the high-speed packetized information being destined for a second
10 subscriber unit in a coverage area serviced by a second of the plurality
11 of distribution points comprising a host digital terminal distribution
12 center, and
13 forward the high-speed packetized information directly to the host digital
14 terminal distribution center without routing the high-speed packetized
15 information through a central office, the host digital terminal
16 distribution center adapted to convert the high-speed packetized
17 information to an optical format;
18 at least one access point in communication with the host digital terminal distribution
19 center, the access point comprising an optical network unit adapted to receive the
20 high-speed packetized information from the distributed routing network and convert
21 the high-speed packetized information from the optical format to a second format;

22 a network interface device adapted to receive the high-speed packetized information from
23 the optical network unit and forward the high-speed packetized information in the
24 second format to the second subscriber unit.

1 48. (Previously Presented) The system of claim 47, wherein the second format is
2 compatible with copper wiring.

1 49. (Previously Presented) The system of claim 47, wherein the second format is
2 compatible with coaxial cable.

1 50. (Previously Presented) The system of claim 47, wherein the high-speed
2 packetized information is provided through a VDSL service.

1 51. (Previously Presented) The system of claim 47, wherein the high-speed
2 packetized information is provided through a fiber optic service.

1 52. (Previously Presented) The system of claim 47, wherein the host digital terminal
2 distribution center provides a plurality of video channels for distribution to the plurality of
3 subscriber units.

1 53. (Previously Presented) The system of claim 47 wherein at least one of the
2 plurality of subscriber units comprises a mobile device in communication with the at least one
3 access point through a wireless connection.

1 54. (Previously Presented) The system of claim 47 wherein at least one of the
2 subscriber units comprises a device in communication with the network interface device through
3 a wired connection.

1 55. (Previously Presented) The system of claim 47 wherein the network interface
2 device is a set-top box located at the subscriber premises.

1 56. (Previously Presented) The system of claim 47 wherein the network interface
2 device is a gateway at the subscriber premises adapted to forward the high-speed packetized
3 information to the subscriber premises.

1 57. (Previously Presented) The system of claim 47 wherein the network interface
2 device is a decoder.

1 58. (Previously Presented) A system for distributing high-speed packetized
2 information to a plurality of subscriber units, comprising:
3 a host digital terminal video distribution center for storing data and converting the data to
4 high-speed packetized information in an optical format;
5 a distributed routing network comprising a plurality of distribution points, wherein a first
6 of the plurality of distribution points is adapted to,
7 receive the high-speed packetized information from the host digital terminal video
8 distribution center, the high-speed packetized information being destined for a
9 one of the plurality of subscriber units in a coverage area serviced by a second
10 of the plurality of the distribution points, and
11 forward the high-speed packetized information directly to the second of the
12 plurality of distribution points without routing the high-speed packetized
13 information through a central office;
14 an optical network unit adapted to receive the packetized information from the second of
15 the plurality of distribution points and convert the high-speed packetized information
16 from the optical format to a second format, wherein, the optical network unit
17 comprises a coverage area adapted to service the one of the plurality of subscriber
18 units; and
19 a network interface device adapted to receive the high-speed packetized information from
20 the optical network unit and forward the high-speed packetized information in the
21 second format to the one of the plurality of subscriber units.

1 59. (Previously Presented) The system of claim 58, wherein the data stored on the
2 host digital terminal video distribution center comprises a plurality of information channels
3 adapted to be accessed by multiple subscriber units.

1 60. (Previously Presented) The system of claim 59, wherein the host digital terminal
2 video distribution center is adapted to receive a request from at least one of the plurality of
3 subscriber units to access one of the plurality of information channels.

1 61. (Previously Presented) The system of claim 60, wherein the host digital terminal
2 video distribution center is adapted to,
3 respond to the request from the at least one of the plurality of subscriber units to access
4 one of the plurality of information channels; and
5 deliver the one of the plurality of information channels to the one of the plurality of
6 subscriber units.

1 62. (Previously Presented) A method of distributing high-speed information packets
2 to at least one of a plurality of subscriber units, comprising:
3 storing data at a first distribution point comprising a host digital terminal distribution
4 center;
5 converting the data into a plurality of high-speed information packets;
6 converting the plurality of high speed information packets into an optical format;
7 forwarding at least one of the plurality of high-speed information packets from the host
8 digital terminal distribution center directly to a second distribution point through a
9 distributed routing network without using a mobile switching center;
10 forwarding the at least one of the plurality of high-speed information packets from the
11 second distribution point to an access point comprising an optical network unit;
12 converting the at least one of the plurality of high-speed information packets from the
13 optical format to a second format;
14 forwarding the at least one of the plurality of high-speed information packets in the
15 second format from a network interface device to the at least one of a plurality of
16 subscriber units.

1 63. (Previously Presented) The method of claim 62 further comprising:
2 processing a request at the at least one of a plurality of subscriber units to access the data
3 stored at the host digital terminal distribution center; and
4 determining if the data stored at the host digital terminal distribution center is available
5 for distribution.

1 64. (Previously Presented) The method of claim 63 wherein processing a request at
2 the at least one of a plurality of subscriber units to access the data stored at the host digital

3 terminal distribution center comprises determining that the at least one of a plurality of
4 subscriber units requesting the access is within the coverage area of the host digital terminal
5 distribution center.

1 65. (Previously Presented) The method of claim 63 wherein processing a request at
2 the at least one of a plurality of subscriber units to access the data stored at the host digital
3 terminal distribution center comprises receiving a message from the at least one of a plurality of
4 subscriber units.

1 66. (Previously Presented) The method of claim 62 further comprising transmitting a
2 dummy address as the destination for the data, the dummy address permitting one or more
3 subscriber units to request and terminate a video channel from the host digital terminal
4 distribution center without disrupting the distribution of the same video channel to any other
5 subscriber units.

1 67. (Previously Presented) The method of claim 62, further comprising:
2 determining that the at least one of the plurality of subscriber units is no longer accessing
3 the data;
4 terminating transmission of the data; and
5 noting that the at least one of the subscriber units is no longer receiving the data.

1 68. (Previously Presented) The system of claim 47 wherein, at least one of the host
2 digital terminal distribution center and optical network unit comprises a video distribution center,
3 the video distribution center adapted to receive and relay requests between a video supplier and
4 at least one of a customer gateway and one of the plurality of subscriber units.

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1 69. (Previously Presented) The method of claim 62 further comprising, adding a new
2 access point to the distributed network, wherein the access point further comprises a distribution
3 point.